

09/931/98

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,813,657 B2  
DATED : November 2, 2004  
INVENTOR(S) : Seung-June Kyoung

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 6,

Line 11, after "An apparatus for" please delete "reading from" and insert -- reading data from -- in its place.

Lines 11-12, after "a circular buffer" please delete "storing in" and insert -- storing data in -- in its place.

Line 21, please delete "and stored" and insert -- and data stored -- in its place

Line 29, after "location of the" please delete "aligned in" and insert -- aligned data in -- in its place

Line 54, after "the circular buffer" please delete "storm" and insert -- storing -- in its place.

Line 61, after "is not part of" please delete "the to" and insert -- the data to -- in its place.

Column 7,

Line 4, please delete "contains to" and insert -- contains data to -- in its place.

Line 17, after "retrieving" please delete "all in" and insert -- all data in -- in its place.

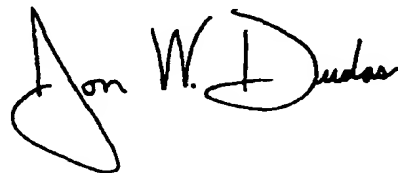
Column 8,

Line 1, after "inputting the" please delete "retrieved to" and insert -- retrieved data to -- in its place.

Line 7, after "shifting" please delete "the in" and insert -- the data in -- in its place.

Signed and Sealed this

Seventeenth Day of May, 2005

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*